



ENTERED 1600

RAW SEQUENCE LISTING

DATE: 09/12/2002

PATENT APPLICATION: US/09/535,814E

TIME: 14:59:14

Input Set : A:\Seq.Listing DOS 9-05-02.txt

Output Set: N:\CRF4\09122002\I535814E.raw

2 <110> APPLICANT: Lin, Yuh-Jiuan
 3 Liu, Yuh-Fan
 5 <120> TITLE OF INVENTION: Method for Fabricating an Olfactory Receptor-Based Biosensor
 7 <130> FILE REFERENCE: 64,600-024CIP
 9 <140> CURRENT APPLICATION NUMBER: 09/535,814E
 11 <141> CURRENT FILING DATE: 2000-03-28
 13 <160> NUMBER OF SEQ ID NOS: 3
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 17 <211> LENGTH: 313
 19 <212> TYPE: PRT
 21 <213> ORGANISM: Canis familiaris
 23 <400> SEQUENCE: 1
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 26 1 5 10 15
 28 Gly Leu Pro Ile Asp Pro Asp Gln Arg Asp Leu Phe Tyr Ala Leu
 29 20 25 30
 31 Phe Leu Ala Met Tyr Val Thr Thr Ile Leu Gly Asn Leu Leu Ile
 32 35 40 45
 34 Ile Val Leu Ile Gln Leu Asp Ser His Leu His Thr Pro Met Tyr
 35 50 55 60
 37 Leu Phe Leu Ser Asn Leu Ser Phe Ser Asp Leu Cys Phe Ser Ser
 38 65 70 75
 40 Val Thr Met Pro Lys Leu Leu Gln Asn Met Gln Ser Gln Val Pro
 41 80 85 90
 43 Ser Ile Pro Tyr Ala Gly Cys Leu Thr Gln Met Tyr Phe Phe Leu
 44 95 100 105
 46 Phe Phe Gly Asp Leu Glu Ser Phe Leu Leu Val Ala Met Ala Tyr
 47 110 115 120
 49 Asp Arg Tyr Val Ala Ile Cys Phe Pro Leu His Tyr Thr Thr Ile
 50 125 130 135
 52 Met Ser Pro Lys Leu Cys Phe Ser Leu Leu Val Leu Ser Trp Val
 53 140 145 150
 55 Leu Thr Met Phe His Ala Val Leu His Thr Leu Leu Met Ala Arg
 56 155 160 165
 58 Leu Cys Phe Cys Ala Asn Thr Ile Pro His Phe Phe Cys Asp Met
 59 170 175 180
 62 Ser Ala Leu Leu Lys Leu Ala Cys Ser Asp Thr Gln Val Asn Glu
 63 185 190 195
 65 Leu Val Ile Phe Ile Met Gly Gly Leu Ile Leu Val Ile Pro Phe
 66 200 205 210
 68 Leu Leu Ile Ile Thr Ser Tyr Ala Arg Ile Val Ser Ser Ile Leu
 69 215 220 225
 71 Lys Val Pro Ser Ala Ile Gly Ile Cys Lys Val Phe Ser Thr Cys

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72          230          235          240
74 Gly Ser His Leu Ser Val Val Ser Leu Phe Tyr Gly Thr Val Ile
75          245          250          255
77 Gly Leu Tyr Leu Cys Pro Ser Ala Asn Asn Ser Thr Val Lys Glu
78          260          265          270
80 Thr Ile Met Ala Met Met Tyr Thr Val Val Thr Pro Met Leu Asn
81          275          280          285
83 Pro Phe Ile Tyr Ser Leu Arg Asn Lys Asp Met Lys Gly Ala Leu
84          290          295          300
86 Arg Arg Val Ile Cys Arg Lys Lys Ile Thr Phe Ser Val
87          305          310
90 <210> SEQ ID NO: 2
91 <211> LENGTH: 7
92 <212> TYPE: PRT
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98 1 5
101 <210> SEQ ID NO: 3
102 <211> LENGTH: 13
103 <212> TYPE: PRT
104 <213> ORGANISM: Canis familiaris
106 <400> SEQUENCE: 3
108 Leu Phe Leu Ser Asn Leu Ser Phe Ser Asp Leu Cys Ala
109 1 5 10

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VERIFICATION SUMMARY

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